

CLAIMS

1. A display device, comprising:
  - a motor having a rotatable output shaft;
  - 5 a display object having a first and a second end;
  - a tether, interconnected between said motor shaft and said second end, that is rotatable in response to the rotation of said motor shaft;
  - a first magnet interconnected with said first end; and
  - a second magnet, affixed to a support, that is disposed sufficiently close to said
  - 10 first magnet to create a magnetic field between said first magnet and said second magnet,
  - whereby the rotation of said motor shaft rotates said tether and said display object about an axis of rotation while said magnetic field suspends the display object in a fluid.
2. The display device of claim 1, further comprising:
  - a spring interconnected between said motor shaft and said second end.
- 15 3. The display device of claim 1, wherein said first magnet intersects said axis of rotation.
4. The display device of claim 1, wherein said first magnet does not intersect said axis of rotation.
5. The display device of claim 1, further comprising:
  - 20 a fan that causes air flow onto said display object.
6. The display device of claim 1, further comprising:
  - a cam surface, disposed between said motor shaft and said tether, that is rotatable with one of said motor shaft and said tether; and

a cam follower, disposed between said motor shaft and said tether, that engages said cam surface and that is rotatable with the other of said motor shaft and said tether;

whereby the rotation of said motor shaft causes the relative position between said cam surface and said cam follower to change, thereby reciprocating said display object  
5 while said display object rotates.

7. The display device of claim 1, wherein said tether comprises a monofilament fishing line. Not limited to monofilament.

8. The display device of claim 1, wherein the magnetic force of said second magnet is greater than the magnetic field of said first magnet.